FRIDLENDER, 1. G.

Fridlender, I. G. (Zaporszh'ye). Calculation of Tolerances for Dimensions Determining Physical and Mechanical Characteristics of Parts and Mechanisms

p. 106

Interchangeability, Accuracy and Measuring Methods in Machine Building, Moscow, Washgiz, 1958, 251 pp. (Sbornik Mauchno-tekh. obshch. mashinostroitel'noy promyshlennosti, Leningradskoye oblast pravleniya, km. 47).

This collection of articles deals with the topics discussed at the 3rd Leningrad Sci. and Engineering Conference on Interchangeability, accuracy and Inspection Methods in Machine-building and Instrument-making, held 18-22 Mar 1957.

SOV/123-59-15-58898

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 15, p 11 (USSR)

AUTHOR:

Fridlender, I.G.

TITLE:

The Calculation of Tolerances for Dimensions Which Determine the Physico-

Mechanical Qualities of Machine Parts and Mechanisms

PERIODICAL:

V sb.: Vzaimo zamenyaemosti, tochnosti i metody izmereniya v mashinostr.

M.-L., Mashgiz, 1958, pp 106 - 109

ABSTRACT:

The nature of the method of calculating tolerances of machine part dimensions, which are not coupled but have an essential effect on the operation of mechanisms, is explained. An example of the practical application of the formulae for the calculation of errors of the plane diaphragm of an indicator is stated, as well as the scheme of this device and also the curves of the growth of the errors of the plane

diaphragm as a function of its deflection. 2 references. P.Ye.A.

Card 1/1

PHASE I BOOK EXPLOITATION

SOV /4040

#### Fridlender, Izrail' Grigor'yevich

- Voprosy tochnosti proizvodstva mashin (Problems of Accuracy in Machinery Manufacture) Khar'kov, Izd-vo Khar'kovskogo univ., 1959. 291 p. 3,000 copies printed.
- Resp. Ed.: M.M. Lamm, Candidate of Technical Sciences, Docent; Ed.: A.S. Shevchenko; Tech. Ed.: A.S. Trofimenko.
- PURPOSE: This book is intended for technical personnel at machine plants, scientific workers, and students at schools of higher education specializing in machine construction.
- COVERAGE: The book deals with the theoretical basis and practical application of measures for maintaining accuracy in machinery manufacture. Recommendations are made for insuring accuracy in the machining of parts on metal-cutting machine tools and the assembly of machine elements into subassemblies and finished products. Among the topics discussed are the calculation of tolerances in machine

Card 1/5

Problems of Accuracy in Machinery Manufacture

SOV/4040

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design, qualitative and quantitative analysis of errors in production preparation, and methods for maintaining a rigid level of accuracy in the production process. Professor A.P.Sokolovskiy (Deceased) is given credit for being the first to systematically and successfully present material on accuracy calculation in book form. The author thanks Professor I.D. Faynerman and Docents V.P. Il'yashenko (Deceased), V.V. Martynenko, V.V. Ivanov, and M.M. Lamm for their assistance in preparing the manuscript. There are 71 references: 70 Soviet and 1 English.

# TABLE OF CONTENTS:

| Foreword   | 3                  |
|--|--------------------|
| Ch. 1. Introduction to the Theory of Accuracy 1. Classification of production errors 2. Laws of the distribution of production errors 3. Rigidity of the machine-tool system | 5<br>5<br>10<br>32 |
| Ch. 2. Dimension Calculations 4. Basic definitions in the theory of "dimension chains" [specification  | 56                 |
| of dimensions]   | 56                 |

FKICLENSON, T.

PHASE I BOOK EXPLOITATION

807/4137

Akademiya nauk SSSR. Institut mashinovedeniya. Seminar po tochnosti v mashinostroyenii i priborostroyenii

Trudy, vyp. 14 (Transactions of the Institute of Machine Science, Academy of Sciences USSR. Seminar on Accuracy in Machinery and Instrument Mamufacture, no. 14) Moscow, 1960. 84 p. Errata slip inserted. 2,200 copies printed.

Editorial Board: N.G. Bruyevich (Resp. Ed.), Academician; G.G. Baranov, Doctor of Technical Sciences; M.L. Bykhovskiy, Doctor of Technical Sciences; A.P. Vladziyevskiy, Doctor of Technical Sciences; B.G. Dostupov, Doctor of Technical Sciences; M.I. Kochenov, Candidate of Technical Sciences; Yu. V. Lyubatov, Candidate of Technical Sciences; D.N. Reshetov, Doctor of Technical Sciences; V.I. Sergeyev, Candidate of Technical Sciences; and A.S. Shatalov, Doctor of Technical Sciences; Ed. of Publishing House: P.F. Zolotov; Tech. Ed.: S.G. Markovich.

PURPOSE: This collection of articles is intended for scientific workers and design engineers.

Card 1/4

THE LEAST CONTROL OF THE PROPERTY OF THE PROPE

Transactions of the Institute (Cont.)

80V/4137

COVERAGE: The book contains articles dealing with the accuracy of the rotating mechanism in a ten-position selector for the dial-telephone system, with bridge-type computing and measuring devices, with calculation of allowances for turbine blades, and with investigations of linear electric circuits and accuracy in automatic machining of bearing rings. No personalities are mentioned. References accompany each article.

#### TABLE OF CONTENTS:

Lebedev, P.A. Investigation of the Accuracy of the Mechanism for Revolving the Ratchet Cylinder of a Ten-Position Selector of the Dial-Telephone System The author discusses the construction and operating principles of the ten-position selector used in the dial-telephone system and presents an approximate analytical method for determining kinematic parameters of the mechanism and errors in the ratchet-pawl engagement.

3

Sergeyev, V.I. Effect of Inertia Loads, Dry Friction, and Backlash on Performance of Bridge-Type Computing and Measuring Instruments

The author presents an analytical method for determining control time and overshoot for a bridge-type multiplier with automatic actuation. The effect of inertia loading, dry friction, and backlash in gear-type speed reducer are taken into account.

20

Card 2/4

Transactions of the Institute (Cont.)

807/4137

Matevosyan, P.A. Investigating the Accuracy of Complex Devices With Closed Circuits

35

The author investigates some problems of the accuracy of complex mechanical and electronic devices with closed circuits [kinematic chains of gear-cutting machines, mechanical and electronic computers of implicit functions, etc.]. The interrelation between input and cutput parameters of these circuits is described by algebraic equations. The accuracy and errors of the whole system are calculated from known accuracies and errors of component elements.

<u>Fridlender</u>, I.G. Methods of Check Calculations of Tolerances for Turbine-Retor Blades

1,1,

A method is presented for calculating dimensional tolerances and for determining physical-mechanical properties for turbine-rotor blades in order to insure the natural dynamic frequency of the blades in a speed range far enough from the operating speed to avoid resonance. Analytical and experimental methods for determining the values of partial derivatives of basic equations and vibration intensification coefficients (showing the effect of dimensional and physical-mechanical changes of blades on their natural frequency) are discussed.

Cari 3/4

Transactions of the Institute (Cont.)

SOV/4137

Lymbatov, Yu. V. On a Method of Determining Errors in Linear Electric Circuits With Resistance Elements

69

The term errors here means the difference between nominal and actual values of parameters. The author presents an analytical method for determining coefficients showing the influence of errors and in-accuracies in assembling (parasitic parameters) on the functioning of linear resistance circuits.

Likhacheva, Ye. A., and V.I. Sergeyev. Investigation of Some Accuracy Problems in Machining Bearing Rings on Transfer Machines

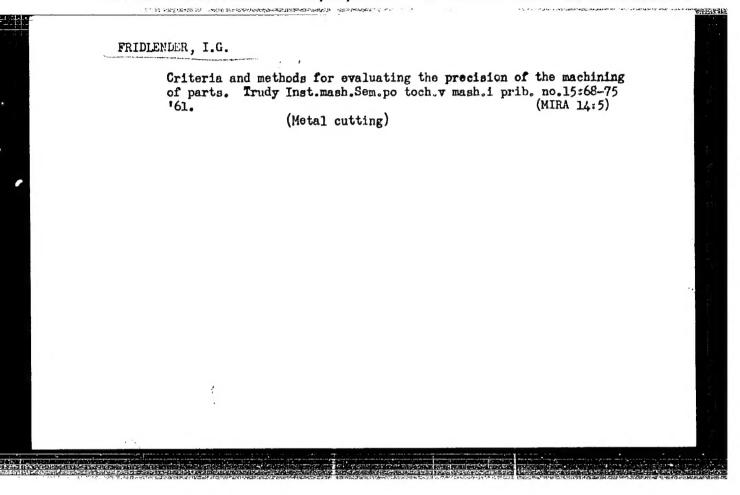
The authors examine (by means of mathematical statistics) the interrelation between errors of the following and preceeding operations in centerless grinding of tracks of external rings of rolling-contact bearings. It is claimed to be the first attempt to describe certain statistical regularity patterns for the operation of a group of automatic grinders used for the machining of rings.

76

AVAILABLE: Library of Congress

Card 4/4

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STEEL ST

ABRAMOVA, Zh.I.; BRUSILOVSKAYA, A.I.; GADASKINA, I.D.; GOLUBEV, A.A.;

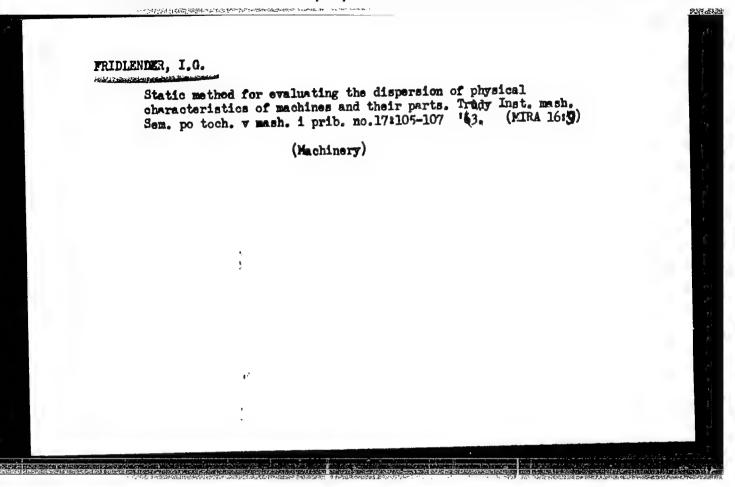
GRIGOR'YEV, Z.E.; DANISHEVSKIY, S.L.; KOVNATSKIY, M.A.; KOYRANSKIY, B.B.;

LAZAREV, N.V.; LEVINA, E.N.; LYUBLINA, Ye.I.; LYKHINA, Ye.T.; OSIPOV,

B.S.; RYLOVA, M.L.; RUSIN, V.Ya.; SLONIM, A.D.; FRIDLYAND, I.G.

Il'ia Stepanovich Aleksandrov. Farm.i toks. 24 no.1:127 Ja-F '61. (MIRA 14:5)

(ALEKSANDROV, IL'IA STEPANOVICH, 1902-1960)



ACCESSION NR: AP4010068

8/0129/64/000/001/0014/0019

AUTHOR: Petergerya, D.M.; Fridlender, I.G.

TITLE: Effect of annealing and combined treatment on the mechanical properties of the alloy KhN77TYuR

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov no. 1, 1964, 14-19

TOPIC TAGS: annealing, electroplating, alloy mechanical property, turbine blade, KhN77TYuR alloy, alloy hardness

ABSTRACT: In order to explain the cracking of turbine blades during their use, the authors studied the effects of annealing in air, NH3, N, and Ar on the alloy KhN77TYuR and the effects of heat treatment and electroplating on the mechanical properties of parts manufactured from this alloy. The finished parts, with or without electropolishing, were annealed in air at 750 C for 8 hours, or in dissociated NH3, N, or argon at 850 C for 2 hours. Parts treated in a neutral atmosphere were annealed and aged at 700 C for 7 hours. The mechanical properties of the parts were evaluated by determining their microhardness, wear resistance, delayed failure, ductility, and impact toughness. It was found that the microhardness was decreased to some extent in all tested media and conditions. The microhardness was more markedly decreased on annealing at 850 C for 2 hours than by

Card 1/2

#### ACCESSION NR: AP4010068

annealing at 750 C for 8 hours. The mechanical properties of the tested alloys were increased by annealing and electropolishing, the best results being obtained by annealing in an argon atmosphere. A positive effect of electropolishing on the delayed failure and wear resistance was also demonstrated. It is concluded that annealing of blades made of alloy KhN77TYuR may be carried out in air at 750 C for 8 hours. Optimal mechanical properties are obtained, however, by annealing in an argon atmosphere after electropolishing. Orig. art. has: 2 figures and 5 tables.

ASSOCIATION: Zaporozhskiy mashinostroitel'ny\*y institut (Zaporozhe Machine Building Institute)

SUBMITTED: 00

DATE ACQ: 07Feb64

ENCL: 00

SUB CODE: ML

NOREF SOV: 004

OTHER: 001

Card · 2/2

FRIDLRIDER, I.G.; DRACHEW, I.C.

Fundamentals for malculating allowances for securing the functional interchangeability of machines, instruments are their parts. Vzaim. 1 tekh. izm. v msehinosir.; nauch.-tekh. sbor. no.4468-93 '64 (MTRA 18:1)

FRIDLENDER, I.G., kand. tekhn. nauk, dotsent

Fundamentals of the theory of functional interchangeability of machines and instruments. Izv. vys. ucheb. zav.; mashinostr. no.3:101-110 '65. (MIRA 18:6)

1. Zaporozhskiy mashinostroitel'nyy institut.

FRIDLENDER, I.G., kand. tekhn. nauk, dotsent; FRIDLE!DER, E.I., inzh. Solution of a class of nonlinear problems in the theory of functional interchangeability and precision of

machines and their parts. Izv. vys. ucheb. zav.; mashinostr. no.9:177-183 '65. (MIRA 18:11)

L 8986-66 EWT(d)/EWT(1)/ETC/EPF(n)-2/EWG(m) IJP(c) ACC NR UR/0170/65/009/005/0577/0582 AP5027570 114,55 AUTHOR: Fridlender, N. A. B ORG: Technological Institute for Light Industry, Moscow (Tekhnologicheskiy institut legkoy promyshlennosti) TITLE: Method for the complex simulation of unsteady state mass and heat transfer processes SOURCE: Inzhenerno-fizioheskiy zhurnal, v. 9, no. 5, 1965, 577-582 16,44,55 21, 40, 54 TOPIC TAGS: heat transfer, mass transfer, mathematic matrix, electronic simulation, porosity ABSTRACT: The article proposes a complex method of solution involving two matrices: the first matrix includes the capacities and the resistances and simulates the heat transfer and the second matrix includes the mass transfer. The cells of the matrices are interconnected, so that a change in the potential of one matrix has an effect on the change in potential of the other. . The author considers the equations of heat and mass transfer in capillary porous bodies. is assumed that a capillary porous body is partly filled with liquid and partly with vapor. Diffusion mass transfer is the result of the Card 1/2 UDO: 66.047.31

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AP5027570

inhomogeneous characteristics of the concentrations and of the temperatures. The differential equations, satisfied by the temperature t (x,y,z,7) (°C), and the mass transfer potential  $v^{s}$  (x,y,z,7) (°H), have the form:

$$\frac{\partial t}{\partial \tau} = \sqrt{\nabla^2 t} + \frac{\varepsilon r C_m}{C_q} \frac{\partial \vartheta}{\partial \tau}, \qquad (1)$$

$$\frac{\partial \Phi}{\partial x} = a_m \nabla^2 \Phi + a_m \delta_{\Phi} \nabla^2 t. \tag{2}$$

The article gives a schematic diagram of the electronic simulation of the problem for the one-dimensional and two-dimensional cases. Orig. art. has: 18 formulas and 1 figure.

SUB CODE: TD. GO/

SUBM DATE: 18May65/

ORIG REF: 002/

OTH REF: OOL

Card 2/2

ACC NR: AT7000374

SOURCE CODE: UR/0000/66/000/000/0020/0026

AUTHOR: Fridlender, N. A.

ORG: Moscow Technological Institute for Light Industry (Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti)

TITIE: Use of variational methods in heat transfer problems

SOURCE: Teplo- i massoperenos, t. 6: Metody rasheta i modelirovaniya protsessov teplo- i massoobmena (Heat and mass transfer, v. 6: Methods of calculating and modeling heat and mass transfer processes). Minsk, Nauka i tekhnika, 1966, 20-26.

TOPIC TAGS: temperature distribution, boundary layer heat transfer, variational method

ABSTRACT: The article presents a method for determining the temporature fields for three-dimensional or plane systems, with a given distribution of the heat sources q = q(x,y,z) in a given region. In the case of a steady-state heat flux, the temperature  $\eta$  in the region of the heat sources obeys the Poisson equation.

$$\frac{\partial^2 \eta}{\partial x^2} + \frac{\partial^2 \eta}{\partial y^2} + \frac{\partial^2 \eta}{\partial z^2} + \frac{q(x, y, z)}{\lambda} = 0, \qquad (1)$$

and, in a region where there are no heat sources, it cheys the Laplace equation

 $\frac{\partial^2 \eta}{\partial x^2} + \frac{\partial^2 \eta}{\partial y^2} + \frac{\partial^2 \eta}{\partial z^2} = 0.$ 

Card 1/2

ACC NR: AT7000374

In addition, the temperature field must satisfy the usual boundary condition of the form

 $a\eta + \lambda \frac{\partial \eta}{\partial n} = 0. (2)$ 

To determine the temperature fields, the author uses variational methods of the Galerkin-Ritz type, which leads to equations of the form

$$\iiint_{D} \left[ \frac{\partial^{2} \eta}{\partial x^{2}} + \frac{\partial^{2} \eta}{\partial y^{2}} + \frac{\partial^{2} \eta}{\partial z^{2}} + \frac{q(x, y, z)}{\lambda} \right] \times$$

$$\times f_{1}(x, y, z) dx dy dz = 0, \quad i = 1, 2, \dots, n,$$
(3)

where f; are the coordinates of the functions of the problem, which satisfy the boundary conditions (2). Temperature distributions calculated on the basis of the above approach are compared with existing experimental data, and the results of the comparison are shown in a series of curves. Orig. art. has: 4 formulas and 5 figures.

SUB CODE: 20/ SUBM DATE: 08Jun66 -

Card 2/2

EWT(d) IJP(d) L\_ 16056-66

ACC NR: AP6004080

SOURCE CODE: UR/0040/65/029/005/0973/0976

AUTHOR: Fridlender, O. G.

ORG: none

16, 44, 55 TITLE: Locally Maxwellian solutions of the Boltzmann equation

SOURCE: Prikladnaya matematika i mekhanika, v. 29, no. 5, 1965, 973-976

TOPIC TAGS: differential equation, Boltzmann equation

ABSTRACT: The author treats the kinetic Boltzmann equation

$$\frac{\partial f}{\partial t} + \xi_i \frac{\partial f}{\partial x_i} + g_i \frac{\partial f}{\partial \xi_i} = J \tag{1}$$

showing what conditions must be satisfied by the external fields so that solutions of the form

 $f = \rho \left(\frac{m}{2\pi kT}\right)^{1/s} \exp\left(-\frac{mc^2}{2kT}\right)$ 

exist for (1), and what solutions are possible here. In the case of an exterior time independent force field the flows existing can be determined, as shown by the two cases: a) constant rotation of the gas, b) absence of a constant component

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|---|--|--------|---|--------------|
|   | L 16056-66 ACC NR: AP6004080   | /      |   |              |
|   | of angular velocity, in which oscillating solutions are possible. The case of radial widening is specifically considered. The author thanks H. H. Kogan for stating and discussing the problem. Orig. art. has: 19 formulas. | t<br>r |   |              |
| 1 | SUB CODE: 12/ SUBM DATE: 18Feb65/ OTH REF: OOL   |        | ; |              |
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# "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513710018-5

FRIDENSHTEYN, A.Ya.; LALYKINA, K.S.

Characteristics of the inductive properties of rat transitional epithelium after transplantation. Biul. eksp. biol. i med. 55 no.4:104-107 Ap 163. (MIRA 17:10)

1. Iz otdela radiatsionnoy mikrobiologii i immunologii (zav. - deystvitel'nyy chlen AMN SSSR (V.L. Troitskiy [deceased]) Instituta epidemiologii i mikrobiologii imeni N.F. Gamalei (dir. - prof. P.A. Vershilova) AMN SSSR, Moskva. Predstavlena deystvitel'-nym chlenom AMN SSSR V.L. Troitskim [deceased].

GALATSKIY, B.D., inzh.; FRIDLYANDER, I.N., doktor tekhn.nauk, prof.

Determining the time length of heating for annealing of extruded duralumin products. Metalloved. i term. obr. met. no.ll:13-17 N '62. (MIRA 15:11)

(Duralumin—Heat treatment)

FRIDLENDER, M.S.

Osmotic resistance of erythrocytes and toxogenic granulation of leukocytes in asbestosis. Klin. med., Moskva 31 no.4:86 Apr 1953. (CIML 24:4)

1. Gandidate Medical Sciences. 2. Of the Hospital Therapeutic Clinic (Director -- Prof. M. E. Vasilevskiy), Yaroslavl' Medical Institute.

FRIDLENDER, M.S., kandidat meditsinskikh nauk; VaSILEVSKIY, M.E., professor, director.

Omnotic resistance of erythrocytes and toxogenic granulation of leukocytes in asbestosis. Klin.med. 34 no.4:86 Ap \*53. (MLRA 6:7)

1. Gospital'naya terapevticheskaya klinika Yaroslavskogo meditsinskogo instituta. (Lungs--Diseases) (Blood--Corpuscles and platelets)

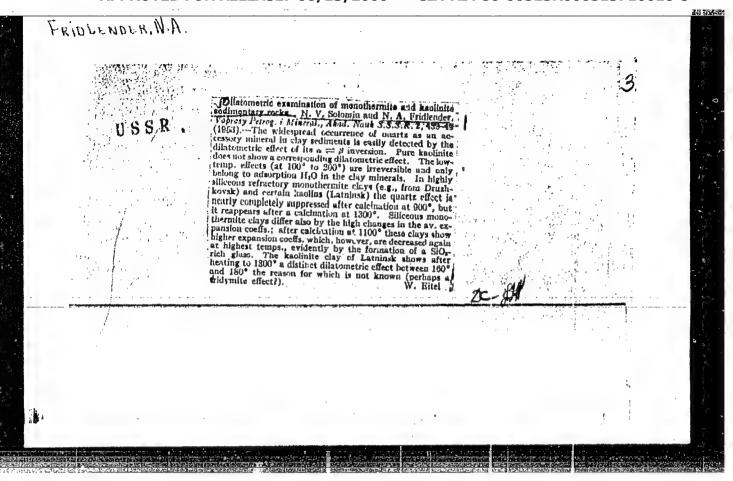
FRIDLYAND, M. V., Cand Phys-Math Sci -- (diss) "Problem of the determination of free physical libration of the Moon in longitude." Leningrad, 1960. 7 pp; 1 page of tables; (Academy of Sciences USSK, Main Astronomical Observatory); 250 copies; price not given; (KL, 19-60, 150)

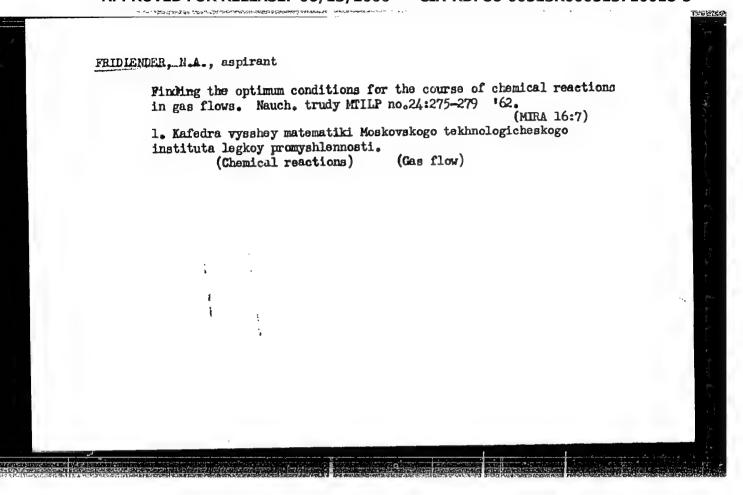
FRIDLENDER. N. A.

18211

2259. The thermal expansion of some refractories used in the glass industry.—
N. V. SOLOMIN, N. M. GALDINA and N. A. FRIDLENDER (Stek. Keram., 8, No. 3,8, 1951).

Measurements were carried out of the thermal expansion of some refractories with
a dilatometer of the Solomin type, which is described in detail. The thermal
expansion curves for fired kaolin, firebrick and refractory porcelain are smooth
and almost coincide with each other. Silica of s.g. 2.48 behaves considerably
worse during heating than that with s.g. 2.35. The thermal expansion of electrofused
zircon-mullite is characterized by a smooth curve. The glassy phase of zircon-mullite
gives a sharp increase in the expansion coeff. above 600° C.; this might account for
the dangerous stresses in mullite blocks at 700°-800° C. during the warming up of
glass tanks. With fired corundum refractories the expansion curves showed no sharp
changes in the expansion coeff. The expansion coeffs. of corundum refractories
are almost twice as high as those of grog refractories. (8 figs., 9 tables.)





"Application of variational methods to heat-transfer problems."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Moscow Technological Inst of Light Industry.

FRIDLENDER, N.A., aspirant

Using the method of electric modeling in the study of unsteady temperature fields in vulcanization presses. Nauch. trudy MTILP no.30:246-257 \*64. (MIRA 18:6)

1. Kafedra vysskey matematiki Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.

FRIDLENDER, N.A., aspirant; MAYZEL', M.M., doktor tekhn. nauk, prof.

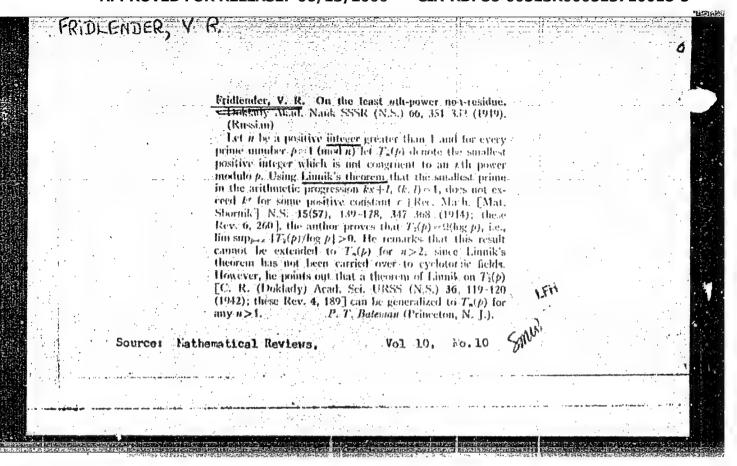
Distribution of heat sources in vulcanization presses and check of the solving of such kind of problems on electric molels.

Nauch. trudy MTILP no.30:258-268 \*164. (MIRA 18:6)

1. Kafedra vysshey matematiki i kafedra avtomatiki Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.

Resistance of a flat plate perpendicular to a sypersonic rarested gas flow. PMTF no.3:15C-152 My-Je '63. (MTRA 16:)

(Aerodynamics, Hypersonic)



FRIDLENDER, J.K.

(1) Triple

Salehov, G. S., and Fridiender, V. R. On a problem inverse to the Cauchy-Kovalevskaya problem. Uspehi Matem. Nauk (N.S.) 7, no. 5(51), 169-192 (1952). (Russian)

Consider, for definiteness, the partial differential equation

(1) 
$$\frac{\partial^{p} u}{\partial t^{p}} = F\left(t, x_{1}, \dots, x_{n}, u, \dots, \frac{\partial^{q} u'}{\partial t^{n_{1}} \partial x_{1}^{n_{1}} \cdots \partial x_{n}^{n_{n}}}, \dots\right)$$

with initial Cauchy data

(2) 
$$\frac{\partial^k u}{\partial t^k}\Big|_{t=0} = \varphi_k(x_1, \dots, x_n), \quad k=0, 1, \dots, p-1.$$

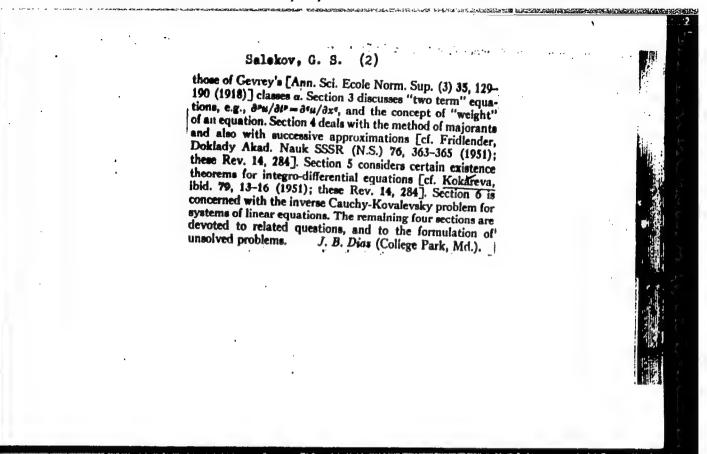
The equation (1) is called normal (following S. Kovalevsky) provided that  $a_0 < p$ ,  $q \le p$ , and otherwise is called anormal. The subject matter of the present survey article may be properly said to begin with the Cauchy-Kovalevsky theorem, which asserts that a normal equation (1) has a solution, analytic in a neighborhood of l = 0, for arbitrary analytic Cauchy data (2). In general, this is not true for anormal equations; cf. S. Kovalevsky's example of the heat equation  $\partial u/\partial t = \partial^2 u/\partial x^2$ , with u(0, x) as given initial Cauchy data. [See, e.g., S. Kovalevskaya, Scientific works, Izdat. Akad. Nauk SSSR, Moscow-Leningrad, 1948; these Rev. 14, 121.] The inverse Cauchy problem consists, essentially, in the determination of necessary and sufficient conditions on the Cauchy data (2) in order that the corresponding solution of (1) be analytic in the "principal" variable t. Section 1 contains a formulation of the problem and section 2 deals with infinitely differentiable functions, in particular,

Mathematical Reviews Vol. 15 No. 3 March 1954 Analysis

> 6-23-54 LL.

APPROVED FOR RELEASE: 06/13/2000

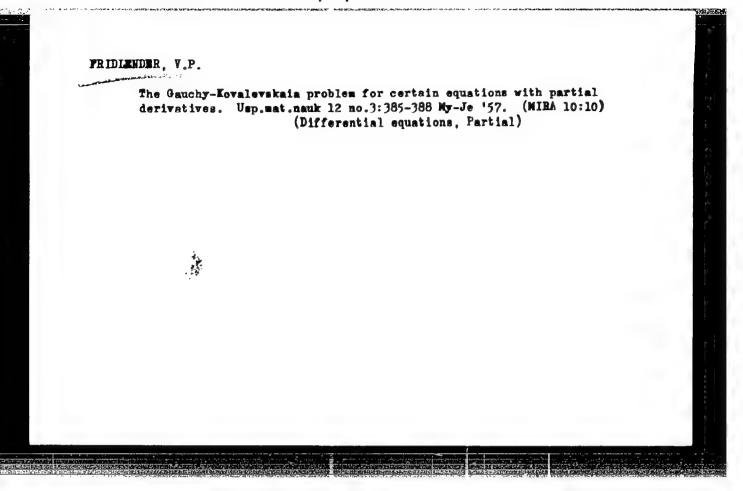
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Wife Problem, inverse to the Emphy-novice and Problem, for Second Blasses of Differential-Operator Scuations." Cand Prys-in h Soi, magnet State e, Laman', 1893. - Hosertation (Leferative). Emmal--Matematika Resour, set oh)

SC: SUI 139, 19 Aug 1994



16(1)

AUTHOR: Fridlender, V.R. (France)

507/39-47-1-2/8

TITLE:

On Analytic Solutions of the Cauchy Problem for Some Nonlinear Partial Differential Equations (Ob analiticheskikh resheniyakh zadachi Koshi dlya nekotorykh nelineynykh uravneniy s chastnymi proizvodnymi)

PERIODICAL: Matematicheskiy sbornik, 1959, Vol 47, Nr 1, pp 17-44 (USSR)

ABSTRACT:

The paper continues the author's investigations / Ref 2,3,9/ and those of Salekhov / Ref 10,11,12/ on the Cauchy problem for partial differential equations. The author considers equations of the type

(1) 
$$\frac{\partial^{p_u}}{\partial t^p} = \sum_{k=1}^{N} f_k(t,x) \prod_{i=1}^{s_k} \frac{\partial^{r_{ik}+q_{ik}}}{\partial t^{r_{ik}} \partial x^{q_{ik}}} + f_o(t,x).$$

He investigates the conditions which have to be satisfied by the Cauchy initial functions in order that (1) has an analytic solution. With very sparing means by successive generalization of the results the author proves eleven theorems

Card 1/2

On Analytic Sclutions of the Cauchy Problem for SCV/39-47-1-2/8 Some Nonlinear Partial Differential Equations

and seven lemmas. The theorems are assertions of existence and have no constructive character. Finally the author gives numerous interesting conjectures.

There are 15 references, 9 of which are Soviet, 1 German.

2 French, and 1 Italian.

SUBMITTED: May 20, 1057

Card 2/2

28921

S/056/61/041/004/004/019 B108/B102

3,2410

AUTHORS:

Bozoki, G., Fen'vech, E., Shandor, T., Balea, O., Batagui, M., Fridlender, Ye., Betav, B., Kavlakov, Sh., Kitrani, L.

TITLE:

Absorption of nuclear-active cosmic-ray particles in air

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41, no. 4(10), 1961, 1043-1045

TEXT: The absorption of the nuclear-active component of cosmic radiation in air was measured at various altitudes above sea level. Showers were recorded with a coincidence arrangement of counters installed in a lead block (Fig. 1). The muon background was measured in Budapest 8 m underground (17 m water equivalent) to secure the recording of sixfold-coincidences due to muons only. The sixfold coincidences were recorded by the pair-connected counters 5 and 7, and 6 and 8. This underground measurement, together with the other measurements at various altitudes, made it possible to obtain corrections for background to the coincidence measurements with nuclear-active cosmic-ray particles. Besults:

Card 1/4

5

## CIA-RDP86-00513R000513710018-5

| bsorption of nuclear-active   | cosmic                                     | 20921<br>S/056/61/041/004/004/019<br>B108/B102 | ,<br>, |    |
|---|--|--|--------|----|
| lace of measurement   | Depth, g/om <sup>2</sup>                   | Coincidences per hour                          | :      | :  |
| Sucharest (60 m above sea lev   | el) 1009                                   | 1.00 ± 0.04                                    |        | į  |
| iudapest (410 m)  | 969  | 1.55 ± 0.04                                    | 4      |    |
| ushteni (950 m)   | 907  | 2.37 + 0.04                                    |        | •. |
| ik Stalina (2925 m)   | 703  | 13.67 ± 0.11                                   | ;      |    |
| cound to be (119 + 1)g/cm <sup>2</sup> . uthors estimated the particl | From the freque mean energy noshi. Profess | to amount to 30 Boy. The                       |        |    |
| •   |  |  |        |    |

#### CIA-RDP86-00513R000513710018-5

Absorption of nuclear-active cosmic-...

5/056/61/041/004/004/019 B108/B102

Y. Kokh, G. Taler, K. Tsige man, and Y. Shnirar for the installation of the Y. Kokh, G. Taler, K. Tsige'man, and Y. Shnirer for the installation of the experimental device, and E. Rupp for assistance in calculations. Mention is made of Sh. A. Azimov, V. F. Vishnevskiy, N. I. Khil'ko (Din SSSR, 78, 231, 1951), and of K. P. Ryzhkova and L. I. Sarychova (ZhETF, 28, 618, 1955). There are 2 figures, 1 table, and 8 references: 3 Soviet-bloo and 5 non-Soviet. The four references to English-language publications read an follows: I. Tinlot. Phys. Rev. 74, 1197, 1948; L. Hodson, Proc. Phys. and 5 non-Boviet. The lour references to English-Language publications reas follows: I. Tinlot, Phys. Rev., 74, 1197, 1948; L. Hodson, Proc. Phys. Soc., A65, 702, 1952; E. P. George, A. Jason, Proc. Phys. Soc., A63, 1081, 1950; H. S. Bridge, R. H. Rediker, Phys. Rev., 88, 206, 1952.

ASSOCIATION: Tsontral'nyy nauchno-issledovatel'skiy institut fiziki Vengorakogo Akademii nauk, Budapesht (Central Scientific Research Institute of Physics of the Hungarian Academy of Sciences, Budapest) (G. Bozoki, E. Fon'vesh, T. Shandor), Institut yadernoy fiziki v Bukhareste, Rumyniya (Institute Institut yadernoy fiziki v Bukhareste, Rumyniya (Institute of Ruclear Physics in Bucharest, Romania) (O. Balea, K. Batagui, Ye. Fridlendor), Fizicheskiy institut s Atomnoy nauchno-ekeperimental'noy bazoy v Sofii, Bolgariya (Institute Physics With Atomic Scientific Test Base in Sofiya, Bulgaria) (B. Betev, Sh. Kavlakov, L. Mitrani).

Card 3/4

STAROZHITSKIY, A.Ya., inzh.; FRIDLIDER, M.M., inzh.

Selecting the inside diameter for the ring of a polisher. Stek. i ker. 20 no.5:18-21 My '63. (MIRA 16:7)

1. Gosudarstvennyy proyektno-konstruktorskiy i eksperimental'nyy institut stekol'nogo mashinostroyeniya.

(Glas manufacture—Equipment and supplies)

PRIDLIN, Vladimir Mikhaylovich; ZHELUDEV, Ivan Stepanovich; NADZHAKOV, G.S., akademik, otv.red.; RYDNIK, V.I., red.izd-va; LEHEDEVA, L.A., tekhn.red.

[Photoelectrets and the electrophotographic process] Fotoelektrety i elektrofotograficheskii protsess. Moskva, Izd-vo Akad.nauk SSSR, 1960. 207 p. (MIRA 13:9)

1. Bolgarskaya Akademiya nauk (for Hadzhakov). (Copying processes) (Electrets)

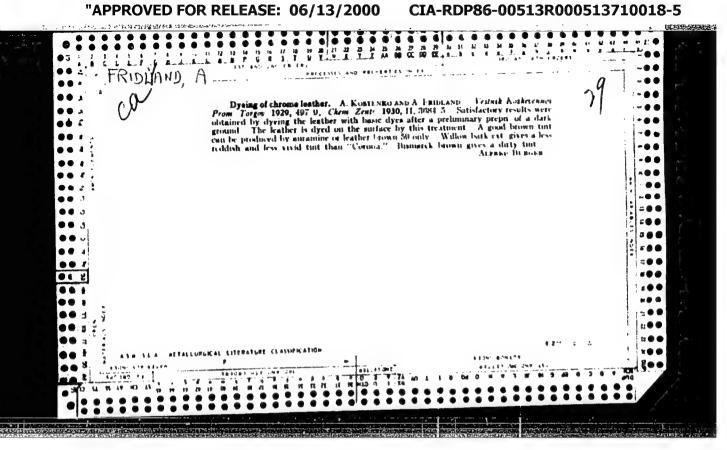
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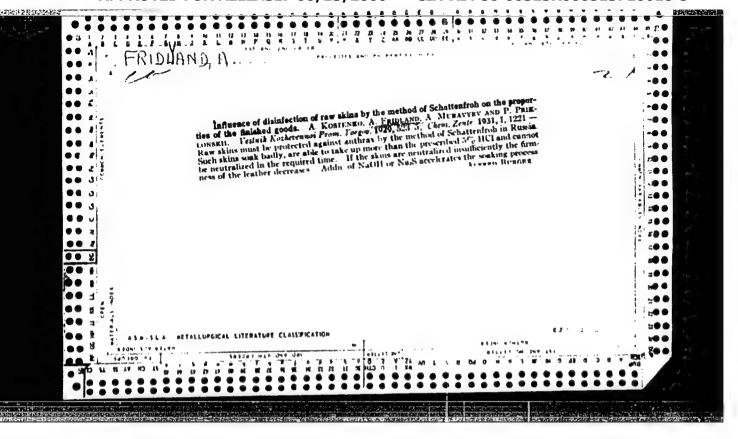
TRIDLYAN, A.M. inzh.

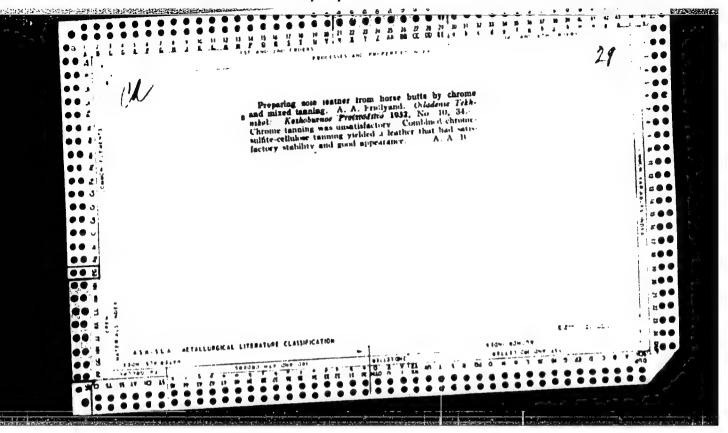
Expediency of constructing two single-track workings instead of one double-track working under difficult geological and mining conditions. Shakht. stroi. 5 no.10:17-19 0 '60. (MIRA 13:11)

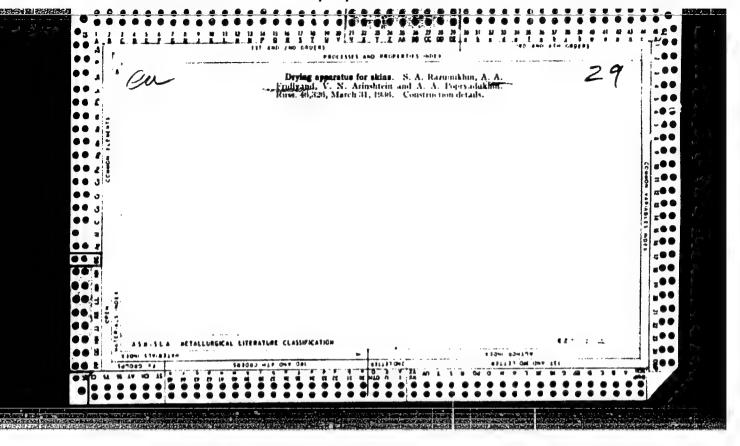
1. Trest Dolinskshakhtostroy.

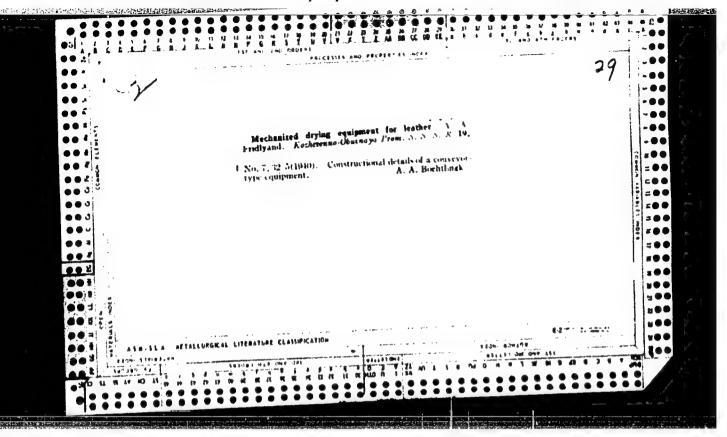
(Mining engineering)

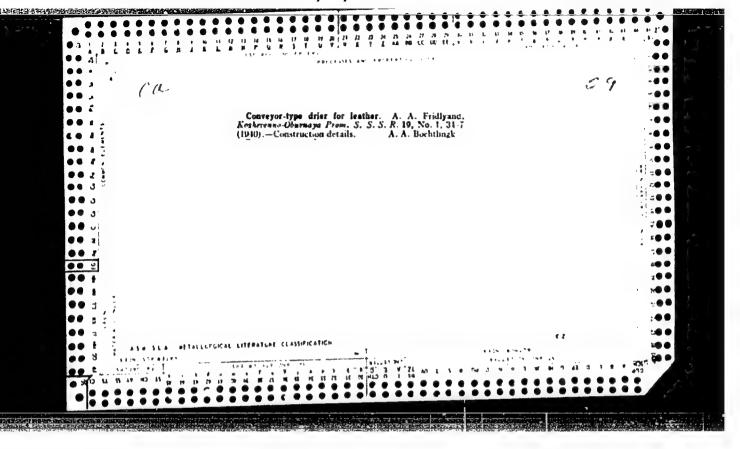












PRIDLYMIE, A. A.

22:50

Kasetvelbnyve napryezhyeniya V kozhye pri loshyenii. Lyegkaya prom-stv. 1949, No. S.

S. 22-29

SO: Lylopis No. 34

FRIDLYAND, A. A.

"Investigation of the Rolling of Leather for Shoe Sales and Glossing the Box Calf for Shoe Tops." Thesis for degree of Cand. Technical Sci. Sub 28 Mar 50, Moscow Technological Inst of Light Industry imeni L. M. Kaganovich

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

MINITED, A.A.

Gages

Fluid level indicators for overhead drums, Leg. prom. 12 No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified

FRIDLYAND, A.A. kandidat tekhnicheskikh nauk; LANGE, V.I., redaktor; MEL'NIKOVA, N.V., tekhnicheskiy redaktor

[Leather processing in local tanneries] Vyrabotka kozhi na zavodakh mestnoi promyshlennosti. Moskva, Gos. izd-vo mestnoi promyshl.

RSFSR, 1953. 295 p. (MIRA 7:10)

(Leather industry and trade)

CIA-RDP86-00513R000513710018-5

PRIDLYAND, A.A., kandidat tekhnicheskikh mauk; IZAKSON, I.N.

Methods of plating chrome leather. Leg.prom.14 no.3:39-43 Mr 154.
(MLRA 7:5)

1. Glavmyy immhener Moskovskogo khromovogo kozhevennogo z-da (for Imakson).

(Leather)

FRIDLYAND, A.A., kandidat tekhnicheskikh nauk; IZAKSCN, I.N.

Squeezing-out moisture from chrome leather on roller wringing machines. Leg.prom. 14 no.10:28-30 0 '54. (MLRA 7:11)

1. Glavnyy inzhener Moskovskogo khromovogo savoda (for Izakson)
(Leather--Machinery)

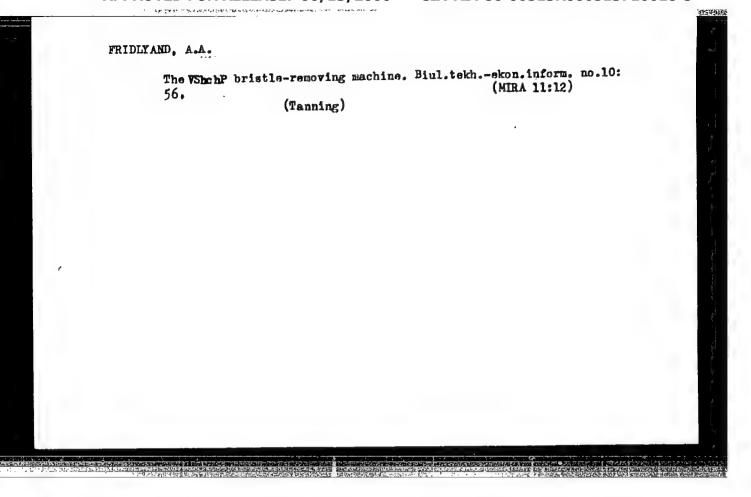
ZIKHERMAN, I., inzhener; FRIDLYAND, A., kandidat tekhnicheskikh nauk.

Valuable tanning material made of leather wastes. Prom.koop. no.11:
29-30 N 155.

(MLRA 9:5)

FRIDLYAND, A.A., kandidat tekhnicheskikh nauk

Machine investigation of chrome leather alimning precess. Leg.prom. 15 no.7:39-42 J1'55. (MLRA8:10) (Leather industry)



CIA-RDP86-00513R000513710018-5

Improved use of raw hide thickness. Leg.prom.17 no.3:16-18 Kr 157.
(Hiles and Skins) (MLRA 10:4)

Technical publications on progressive practices. ieg. pron. 17 no.6:52-5; Je '57. (HLRA 10:8) (Bibliography-Technology)

CIA-RDP86-00513R000513710018-5

Improve the utilisation of tannides. Leg. prom. 18 no.3:32-33 Mr \*58.

(Tanning materials)

(MIRA 11:4)

MASIOV, Iosif Grigor'yevich[deceased]; FRIDIYAND, A.A., kand. tekhn. nauk, nauchnyy red.; DUKHOVNYY, F.D., red.; TRISHINA, L.A., tekhn. red.

[Leather manufacture]Kozhevennoe proizvodstvo. Izd.4., perer. i dop. Moskva, Rostekhizdat, 1962. 330 p. (MIRA 15:11) (Leather industry)

FRIDLYAND, A., kand.tekhn.nauk

Processing of pigskins. Mest.prom.i khud.promys. 3 no.2:17-18 F '62. (MIRA 15:2)

1. Rukovoditel' laboratorii Nauchno-issledovatel'skogo tekhnokhimicheskogo instituta (NITKhI).

(Leather industry)

#### CIA-RDP86-00513R000513710018-5

### FRIDLYAND, A.

Leuthor tanning without vogetable tanning. Mest.prom.i khud. promys. 3 no.1:28 Ja :62. (MIRA 15:2)

1. Enveduyushchiy laboratoriyey Kauchno issledovatelishogo tekhnokhimicheskogo instituta. (Tanning)

FRIDLYAND, Aleksandr Adol'fovich; KUTOVSKIY, M.Ya., inzh., retsenzent; DUKHOVNYY, F.N., red.; BATYREVA, G.G., tekhn. red.

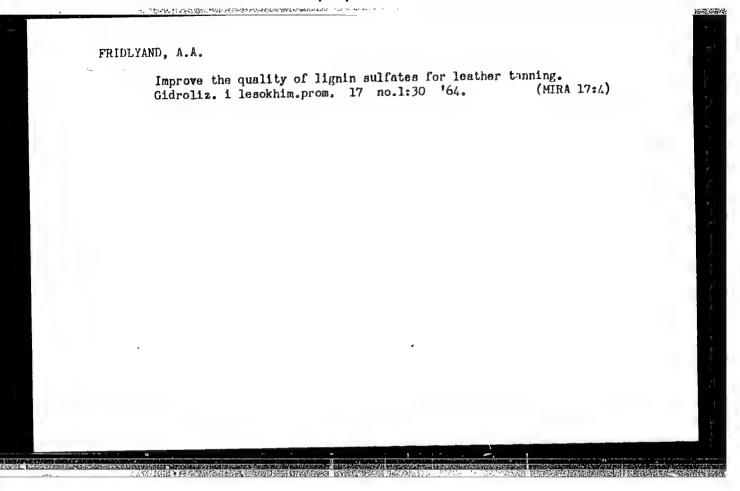
[Fundamentals of the mechanical technology of leather manufacture] Osnovy mekhanicheskoi tekhnologii kozhi. Moskva, Gizlegprom, 1963. 261 p. (MIRA 16:12) (Leather industry)

# "APPROVED FOR RELEASE: 06/13/2000 CIA-RD

CIA-RDP86-00513R000513710018-5

| Typ<br>5 r | pes and dimensional<br>no.3:15-17 Mg 63. | series of leather machiner; (Leather—Machinery) | y. Kozhobuv.prom.<br>(MIRA 16:3) |
|------------|--|---|----------------------------------|
|            | !  |   |                                  |
|            |  | -   |                                  |

CIA-RDP86-00513R000513710018-5



FRIDLYAND, Aleksandr Adol'fovich; NIKITIN, Georgiy Nikolayevich; TIMOKHIN, N.A., retsenzent; RAZUMOVSKAYA, Ye.V., red.

[Additional production from the wastes of leather and fur manufacture] Dopolnitel naia produktsiia iz otkhodov kozhevennogo i mekhovogo proizvodstva. Moskva, Legkaia industriia, 1965. 211 p. (MIRA 18:12)

FRIOLYAND, 11ts

71

AUTHOR:

Podlazov, S.S., and Fridlyand, A.B.

TITLE:

An Electro-Erosion Machine for Extracting Broken Tools. (Elektroerozionnyy stanok dlya izvlecheniya

slomannogo instrumenta)

PERIODICAL: Stanki 1 Instrument, 1957, No.1, pp. 25-28.

ABSTRACT:

The article describes an electro-erosion machine (developed by the OKE MONNI at the request of BROWNC under the name of "Electro-erosion piercing mili, model 4611") for extracting broken drills and similar tools. Solid trepanning copper electrodes are used for tools up to 6 mm in diameter and tubular ones for tools over 6 mm in diameter. The size of the electrode is about half the size of the tool. The rate of advance of a solid electrode is about 1 mm/min for an electrode 1.75 mm in diameter and about 0.45 mm for one 16 mm in diameter. A tubular 12 mm diameter electrode operates at a rate of 2.0 mm/min. Oil or water is used as a working medium. The maximum rate of metal removal is 200 mm3/min. The machine is

Card 1/3

71

TITLE: An Electro-Erosion Machine for Extracting Broken Tools. (Elektroerozionnyy stanok dlya izvlecheniya slomannogo instrumenta)

The arrangement is a follow-up system responding to the electrode gap. The electrode holder is vibrated axially by an electromagnetic vibrator. A self-contained fluid supply system is included. The text includes 1 photograph, 1 kinetic diagram, 1 circuit diagram, 2 tables and 1 set of specifications.

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 3/3

#### CIA-RDP86-00513R000513710018-5

FRIDLYAND, A.C.; 10FINOVA, TS.B., red.; GUROVA, O.A., tekhn.red.

[Provisional technical specifications for preparing, repairing and inspecting traction equipment for streetears] Vremennye tekhnicheskie usloviia na izgotovlenie, remont i priemku tiagorogo pribora tramvainogo vagona. Moskva, Izd-vo M-va kommun.khos.RSFSR, 1950. 18 p.

1. Russia (1917- R.S.F.S.R.) Glavnove upravleniye tramvayev i trolleybuaov. 2. Starshiy nauchnyy sotrudnik sektora gorodskogo transporta Akademiy kommunal'nogo khozyaystva im. K.D.Pamfilova. (for Fridlyand).

(Signature)

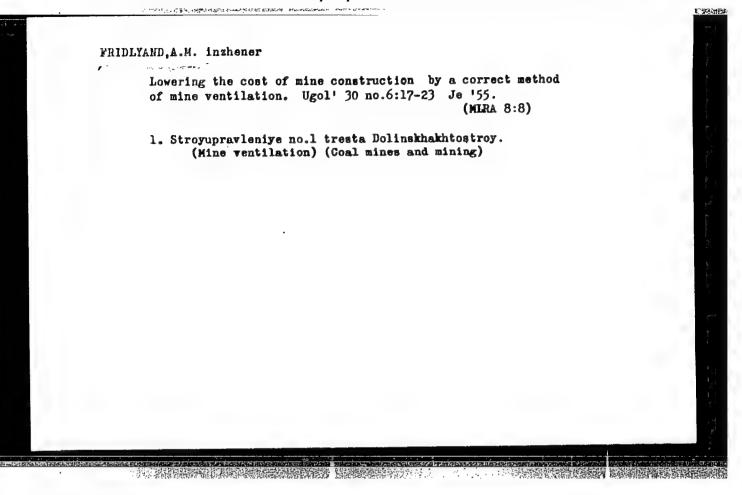
MERKULOV, Yefim Afanas yevich; PETROV, Vyacheslav Konstantinovich [deceased]; SOSYANTS, Vasiliy Georgiyevich; YUDIN, Vasiliy Aleksandrovich; Prinimali uchastiye; DUBROVIN, Ye.N.; SLAVUTSKIY, A.K.; BARKOVA, Ye.A.; BLATNOV, M.D.; KUDRYAVTSEV, O.K.; SAMOYLOV, D.S.; FRIDLYAND, A.G., BRONSHTEYN, L.A., red.; RACHEVSKAYA, M.I., red.izd-va; LELYUKHIN, A.A., tekhn.red.

[Urban transportation and street construction] Gorodskoi transport i dorozhno-mostovoe khoziaistvo. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1959. 473 p. (MIRA 12:8)

1. Sotrudniki Akademii kommunalinogo khozyaystva im. K.D.Pamfilova (for Barkova, Blatnov, Kudryavtsev, Samoylov, Fridlyand).

(Transportation) (Streets)

#### CIA-RDP86-00513R000513710018-5



FRIDLYAND, A.M.

KU-2K support setting machine. Shakht. stroi. no.7:24-25 Jl 157.

(MERA 10:8)

1. Trest Dolinskshakhtostroy, Karaganda.

(Mine timbering) (Precast concrete construction)

(Pneumatic machinery)

FRIDLYAND, A.M., insh.

Economic expediency in the construction of sectional reinforced concrete supports. Shakht. stroi. no.9:9-13 158. (MIRA 11:10)

1.Trest Dolinekshakhtostroy. (Mine timbering) (Reinforced construction)

FRIDLYAND, A.M., inah.

Preventive extensible console supports. Shakht.stroi. 6 no.11: (MIRA 15:12)

1. Trest Dolinskshakhtostroy, Karaganda.
(Mine timbering)

#### CIA-RDP86-00513R000513710018-5

FRIDLYAND, A.M., inzh.; DULIN, V.D.; FELONIN, A.N.

Operation of powered units for changing mine cars during the construction of mines in Karaganda. Shakht. stroi.
7 no.12:21-25 D'63. (MIRA 17:5)

1. Trest Dolinskshakhtostroy (for Fridlyand).
2. Shakhtostroitel'noye upravleniye No.3 tresta Dolinskshakhtostroy (for Dulin, Felonin).

FRIDLYAND, A.M., inzh.

Investigating the fractured state of rock in a massif surrounding a mine working. Shakht.stroi. 9 no.527-10 My 165.

1. Tlest Dolinskshakhtostroy.

(MIRA 18:6)

ACC NR. AT7001168

SOURCE CODE: UR/2834/66/051/001/0105/0110

AUTHORS: Bokiy, Vyach. B.; Mel'nichenko, V. P.; Fridlyand, A. M.

ORG: none

TITLE: Determining ultimate strength of rocks in coal mines

SOURCE: Leningrad, Gornyy institut. Zapiski, v. 51, no. 1, 1966, 105-110

TOPIC TAGS: mining engineering, ultimate strength, coal

ABSTRACT: The possibility and suitability of determining ultimate strength of rocks by a standard hammer (as used for determining strength of concrete) was investigated. This is done by placing a template (with spherical feet) against the sample and striking it with a hammer. The diameter of the impression made in the sample is measured and compared with that in a standard rod. Tests with this technique prove very satisfactory, but only rocks at the surface of a working may be measured. The authors designed a tubular device for measuring rock strength in small drill holes extending as much as 2 m into the rock. The inner diameter of this tube is 25 mm and the length is 2460 mm. A hammer head within the tube is activated by a strong spring and may be released to strike the base plate of a spring-mounted standard rod at the end of the tube. The other end of the standard rod is against a spherical standard hammer, which in turn is against the rock at the end of the hole. The

Card 1/2

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blow transmitted by the rod forces the spherical hammer into the rock, forming impressions in the rock and, on the opposite side of the spherical hammer, in the end of the rod as well. The diameter of this impression may be measured when the device is removed from the hole, and, since this depression is proportional in size to that in the rock, the rock strength may be determined. This is usually read directly from a graph obtained when calibrating the rod. The need for more accurate determinations of ultimate compressive strength is not eliminated, but these techniques will permit a great amount of information to be gathered quickly, for an entire mine or even the whole coal field, facilitating mine operation as well as reducing cost. Orig. art. has: 6 figures, 1 table, and 4 formulas.

SUB CODE: 08/

SUBM DATE: none/

ORIG REF: 003

Card 2/2

FRIDLYAND, A. Sh. and ALEKSANDROV, I. N.

"Perfecting Automatic Frequency Cutoffs by Using a Recloser," Elek.
Sta., 23, No.6, 1952

FRIDLYAND, A. SH.

1393. The application of the self-synchronization of synchronization of synchronization.

Framples are given of various types of generators from 6 to 15 MW canonization to which the nethod of

Electrical Engineering Abst. Vol. 57 No. 676 Apr. 1954 Electrical Engineering Examples are given of various types of generators from 6 to 15 MW capacity to which the nethod of self-synchronization has been successfully applied, both when operating in parallel with other generators and in association with power transformers. The special procedure required for a 10 MW, 6-6 kV, 2950 r.p.m., double-wound generator of Ljungström manufacture installed in 1951 is described with oscillograms of current and voltage during self-synchronization. With and without field forcing the current during synchronizing war 2-2 times nominal, persisting for 5 and 20 see respectively, whilst the voltage on the 110 kV busbars was reduced to 80% nominal for 3 and 17 see respectively. The authors conclude that this method is very effective in preventing damage in the event of attempts to switch in generators out of synchronism, without any reservation regarding the powers of the already connected and incoming generators. The state of generator insulation is inmaterial, but compounding during synchronizing shortens the period of the latter. Finally, it is stated that to avoid spurious operation of relays used for the differential and instantaneous earth fault protection of generators and power transformers, these relays must be supplied from saturated current transformers.

# "APPROVED FOR RELEASE: 06/13/2000 CIA-F

CIA-RDP86-00513R000513710018-5

AID P - 2411

FRIDLYAND, A.SH.

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 10/33

Author : Fridlyand, A. Sh., Eng.

Title : Automatic reclosure with control of inverse voltage

synchronism

Periodical: Elek sta 5, 34-36, My 1955

Abstract : The author describes an automatic reclosure device which

he invented and which is simpler to operate than devices usually used on 110-kv lines. The operation of this device is given in detail and a main connection diagram is attached. The feeding of the relays through a high-

volt capacitor is also explained.

Institution: None

Submitted : No date

#### CIA-RDP86-00513R000513710018-5

ZHURAVLEY, Boris Alekseyevich; LISITSYN, Sorgey Nikoleyevich; FRIDLYAND,

A.Sh., inzh., retsenzent; RYBAKOVA, V.I., inzh., red.; SOKOLOVA,

T.F., tekhn.red.

[Sheet steel workers handbook] Spravochnik zhestianshchika.

Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960.

326 p.

(Sheet steel) (Metalwork)

· CHARLES CONTRACTOR PROPERTY SECURIOR SECURIOR

ZHUKOVA, R.R.; FRIDLYAND, A.Ye., glavnyy wrach; ROL'YE, Z.Yu., professor, konsul'-tant.

Streptomycin and para-aminoslicylic acid therapy of osteoarticular tuberculosis in children. Probl.tub. no.3:85-86 My-Je '53. (MLda 6:7)

1. Detskiy kostnotuberkuleznyy sanatoriy \*Bakovka Mosgorzdravotdela. (Streptomycin) (Bones--Tuberculosis) (Joints--Tuberculosis) (Para-aminosalicylic acid)

BESPALOVA, L.L.; YRIDLYAND, A.Ye., glavnyy vrach; HOL'YE, Z.Yu., professor, konsul'tant.

Experience of treating osteoarticular tuberculosis in children with paraaminosalicylic acid. Probl.tub. no.3:87-88 My-Je '53. (MLRA 6:7)

1. Detskiy kostnotuberkuleznyy sanatoriy "Bakovka" Mosgorzdravotdela.
(Bones--Tuberculosis) (Joints--Tuberculosis) (Para-aminosalicylic acid)

FRIDLYAND, E. KH. (ENGR) -- "OPERATION OF ROLLER TIGHTERING MECHANISMS." 105-27
JUN 72, MOSCON TECHNOLOGICAL INST OF LIGHT INDUSTRY THEM L. P. KASANOYICH
(DISSERTATION FOR THE DEGREE OF CANODIATE IN TECHNICAL 5 TENGE)

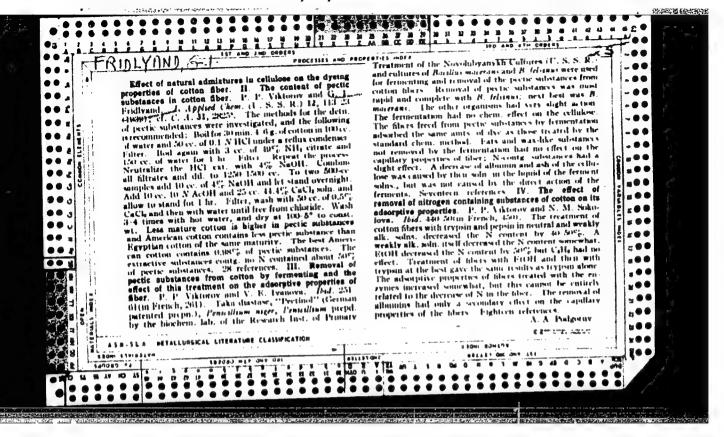
50: VECHERNAYA MOSKVA, JAHUARY-DECEMBER 1752

CIA-RDP86-00513R000513710018-5

FRIDLYAND, E.Kh., kand. tekhn. nauk, dotsent

Dressing of surfaces with fabrics. Nauch. trudy MTILP 25: 187-193 '62. (MIRA 16:8)

1. Kafedra nachertatel'noy geometrii i mashinostroitel'nogo chercheniya Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.



GORDON, Nikolay Borisovich; BORISOV, Bikolay Alekseyevich; FRIDLYAND, G.L., retsenzent; ARNHANGELISKIY, S.S., redaktor; MKDVEDEV, L.Ta., tekhnicheskiy redektor

[Finishing linen fabric] Otdelka ISnisnykh tkansi. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. (MIRA 10:3)

(Linen) '(Textile finishing)

LAZAREVA, S.Ye.; KOROLEVA, N.D.; KIRILLOV, L.N.; PRIDLYAID, G.I.;
SHAPIRO, L.M.; LEHENEV, K.A.; PEKH. Yu.Yu.; MEKIR, E.A.

Spinning of chemically treated (boiled and bleached) roving.
Tekst. prom. 19 no.7:42-45 Jl '59. (MIRA 12:11)

(Textile finishing)

CIA-RDP86-00513R000513710018-5

FRIDLYAND, G.I., mtarshiy mauchnyy sotrudnik; SHAPIRO, L.M., mladshiy nauchnyy sotrudnik

Oxidation boiling of flax yarn. Nauch.issl.trudy TSNIILV 12:
141-159 '59. (Yarn) (Bleaching)

KUDRYAVTSEV, P.I., kand.filosof.nauk, red.; TOKAPEVICH, K.N., prof., red.; FRIDLYAND, G.I., prof., red.

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[The 21st Congress of the Communist Party of the Soviet Union and tasks in the development of Soviet medicine] XXI sweed KPSS i zadachi razvitila sovetskoi meditsiny. Leningrad, 1960. 105 p. (Leningradskii gos.ordena Lenina in-t usovershenstvovaniia vrachei, vyp.23) (MIRA 14:2)

1. Leningrad. Gosudarstvennyy institut usovershenstvovaniya vrachey.

(MEDICINE)

FRIDLYAND, G.I., kand. tekhn. nauk; ROZOVA, Z.S., kand. tekhn. nauk; SEMENOVA, T.F., mladshiy nauchnyy sotrudnik

Method for determining the activity of tanning extracts. Nauch.-issl. trudy TSNIILV 16:126-138 '62. (MIRA 16:10)

FRIDLYAND, I. B.

"Amino and Polypeptide Nitrogen in Blood and Their Distribution Between Erythrocytes and Plasma in Guinea Pigs Affected With Experimental Scurvy, Fiziologicheskii Zhurnal S.S.S.R., 1939, Vol 27, pp 244-247.

- 1914、これが表現は経済を表現に対けるないのではなるようなな事業を見れている。 なかみゃく こうきょうしゅ まっしゃ

Chair of Biological Chemistry, I. V. Stalin Second Moscow State Medical Institute, Anaerobe Division, Tarasevich Central State Scientific Control Institute.

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FRIDLYAND, I. [3]

"The Content of Amino and Polypeptide Nitrogen in Certain Organs of Guinea Pigs Affected With Scurvy, Fiziologicheskii Zhurnal S.S.S.R., 1939, Vol 27, pp 248-251.

Chair of Biological Chemistry, I. V. Stalin Second Moscow State Medical Institute, Anaerobe Division, Tarasevich Central State Scientific Control Institute.